शिक्षाशास्त्र विभाग

अध्ययन परिषद् की आनंलाइन बैठक

माननीय कुलपित महोदया की अध्यक्षता में दिनाँक—17मई 2021को राष्ट्रीय शिक्षा नीति 2020 विषय के अनुरूप न्यूनतम समान पाठ्यक्रम शैक्षिक सत्र—2020—21 से लागू करने के लिए शासन के निर्देशानुसार सभी विषयों के अध्ययन परिषद के संयोजकों एवं संकायाध्यक्षों की एक ऑनलाइन बैठक की गयी। जिसमें विचारोंपरान्त माननीय कुलपित महोदया के निर्देशानुसार अध्ययन परिषद की एक बैठक की जाय।

उसी क्रम में आज दिनॉक-24 मई 2020 को अध्ययन परिषद् की ऑनलाइन बैठक सांय 4बजे सम्पन्न हुई । जिसमें अध्ययन परिषद् के सभी सदस्यों ने प्रतिभाग लिया। बैठक में सभी सदस्यों ने स्नातक स्तर पर शिक्षाशास्त्र विषय में न्यूनतम समान पाठ्यक्रम पर विचार-विमर्श किया।

अन्ततः सभी सदस्यों की सहमित थी कि राष्ट्रीय शिक्षा नीति 2020 में शिक्षाशास्त्र विषय के पाठ्यक्रम को यथावत बिना किसी संशोधन के स्वीकार कर लिया जाये। कोविड—19 महामारी को ध्यान में रखते हुये अगली बैठक में यदि पाठ्यक्रम में संशोधन की आवश्यक होगा तो पुनः विचार—विमर्श किया जायेगा।

सदस्य-

डा० राजेन्द्र कुमार जायसवाल डा० कुसुम लता पटेल डा० जर्रार अहमद मार्थानन्द उपिध्याय

विभागाध्यक्ष — शिक्षाशास्त्र विभाग आर0एस0के0डी0पी0जी0 कालेज जीनपुर



Department of Higher Education U.P. Government, Lucknow

National Education Policy-2020 Common Minimum Syllabus for all U.P. State Universities

Please provide these two tables in the beginning of the syllabus in each subject.

Semester-wise Titles of the Papers in BA (Education)

Ye	Se m.	Code	Semester-wise Titles of the Papers in BA (Education) Paper Title	Theory/Pr	Cred
1	I	E01010 1T	C	actical	ts
1	1		Conceptual Framework of Education	Theory	4
•		E01010 2P	Practical: Read the Preamble of Indian Constitution, understand and analyse its basic ideas of Justice, Equality, Liberty and Fraternity. Prepare a report and present what you have conceptualized.	Practical	2
1	II	E01020 1T	Development and challenges of Indian Education System	Theory	4
1	II	E01020 2P	Prepare a profile of any School 12 th) - Government / aided / Private.	Practical	2
2	m	E01030 1T	Philosophical- Sociological- Political-Economic Perspectives of Education	Theory	4
2	Ш	E01030 2P	Practical: Review a book written by prominent educational thinkers included in the course II.	Practical	2
2	IV	E01040 1T	Psychological Perspectives of Education	Theory	4
2	IV	E01040 2P	Course Title: Practical: Case study of a Special Child	Practical	2
3	V	E01050 1T	Course Title: Educational Assessment	-	
3	V	E01050 2T	Course Title: Educational Statistics	Theory	4
3	V	E01050 3P	Administration and Interpretation of Score of a psychological test- Achievement/Intelligence/Personalit y/Aptitude	Theory Practical	2
3	V	E010501R	Collection of Data related to Education, application of suitable statistical methods, analysis and interpretation of result. OR Visit to any type of University: Alt's profile preparation. B. Report on its administrative structure.	Project	3
3	VI	E01060 1T	Educational Administration and Management	Theory	4
3	VI	E01060 2T	Milestones and New Dimensions of Indian Education	Theory	4
3	VI	E01060 3P	Visit to an Anganwadi Centre and report preparation. Write and submit an article on any trending Socio-Cultural Environmental Issue.	The second second	2
3	VI	E010601R	Visit any Distance Education center. Interview its administrator and five students. Compare the Distance Education and Regular Education and prepare report. OR For Understanding Social disadvantages, Interview an working child/ a child who has experienced natural calamity or war or Terrorist Attack/ Orphan/ Urban or rural poor child/ a child who does not go to school/ or a person who got married as a child.	Project	3

Syllabus Developed by:

S. No.	Name	Designation	Department	College/ University
1	Dr. Aparna Tripathi	Associate Professor	Education	A.K.P.G College, Hapur
2	Dr. Mani Bansal	Associate Professor	Education	D.A.K College, Moradabad
3	Dr. Mamta Dixit	Associate Professor	Education	Mahila Mahavidyalaya, Kanpur

Syllabus for BA (Education)

• Subject prerequisites: To study this subject, a student must have had the subject(s) ... in class/12th - Open to all.

Program outcomes (POs) (After 3 years)-

This course is meant for future educators and educational administrators. Education is a process of acquisition of knowledge, values, culture and skills. After completion of the program, Graduates will be able to correlate and apply Education with life situations. They will be able to understand its interdisciplinary nature. Program will be helpful in conceptualization and synthesis of knowledge of Educational aspects in relation to: Human Development- Human Behavior, Teaching Learning, Measurement and Evaluation, Society and Nation.

List of all papers in all six semesters.

Year	Я	Coure ((Thruy)	Credits	Cornell (Ibozy/Patical)	Cardits	Consell (Theny/Parána)	Credits	Rearthfair	Cædits	Total Carif
1	1	Conceptual Framework of Education	4	Practical	2	NIL	NIL	NIL	NIL	6
	п	Development and challenges of Indian Education System	4	Practical	2	NIL	NIL	. NIL	NIL	6
2	ш	Philosophical- Sociological- Political- Economic Perspectives of Education	4	Practical	2	NIL	NIL	NIL.	NIL	6
	IV	Psychological Perspectives of Education	4	Practical	2	NIL	NIL	NIL	NIL	6
3	v	Educational Assessment	4	Educational Statistics	4	Practical	2	Project Collection of Data related to Education, application of suitable statistical methods, analysis and interpretation of result. OR Visit to any type of University: A.It's profile preparation. B.Report on its administrative structure.	3	13
	VI	Educational Administration and Management	4	Milestones and New Dimensions of Indian Education	4	Practical	2	Project Visit any Distance Education centre. Interview its administrator and five students. Compare the Distance Education and Regular Education and prepare report. OR For Understanding Social disadvantages, Interview an working child' a child who has experienced natural calamity or war or Terrorist Attack' Orphan/ Urban or rural poor child/ a child who does not go to school/ or a person who got married as a child.	3	13

BA 1st Year Education- CERTIFICATE COURSE IN BASICS OF EDUCATION

Program specific outcomes-

This course provides the basic ideas and concepts of education and nature of education. This course intends to clarify the educational aims and functions. This course will help students to understand constitutional values and provisions for Education. This paper will help in developing analytical and critical thinking based on the themes and issues of education.

This course will also attempt to build an understanding about the agencies and structure of Indian Education System, ie. Pre Primary, Primary, Secondary and Higher level. Learners are introduced to various governing/regulatory systems of the Education System.

The course aims to acquaint students with modern education in contemporary India. It would familiarize them with key debates prevalent during the anti-colonial struggle and subsequent developments in post-independent India.

This paper introduces the challenges faced by Indian Education and initiates a critical analysis of concerns and solutions towards better education.

BA 1st , Sem. I, Course I

	(Theory)	
Program/Class: Certificate	Year: First	Semester: First
	Subject: Education	
Course Code: E010101T	Course Title: Conc	eptual Framework of Education
Course Learning Outcomes		- P CT CT Education

On completion of this course, learners will be able to:

- To understand the meaning, nature, scope and aims of education.
- To explain the factors of education and their interrelationship.
- To become aware of different agencies of education that influence education.
- To be acquainted with the Constitutional values and Educational provisions.
- Distinguish between different levels of the Education System.
- Explain the present status of different levels of Education.
- Identify the level of Education and concern governing/regulatory bodies.
 Differentiate the needs and importance of different levels of Education.

	Credits: 4	Core Compulsory	
	Max. Marks: -	Min Donning Mad	
	Total No. of Lectures-Tutorials-Practic	cal (in hours per week): L- 4/w	
Unit	Торі	ics	No. of
I	Concepts of Educations- Mea Vidya - Gyan -Teaching, Tra Factors of Education.	npara:The Way of Life,Concept of Guru ning: Nature. nining vs. Education.	Lecture:
п	Aims of Education: Individual FUNCTIONS OF EDUCATION Individual and Social Develop Transmission of Cultural Heri Acquisition of Skills.	pment.	8

	 Acquisition and Generation of Human Values. 	
	Social Cohesion.	
	Education for Leisure.	
	 Education for National Integration. 	
	 Education for International Understanding. 	
	Education for HRD.	
	AGENCIES OF EDUCATION	
Ш	Formal.	
111	Informal.	7
	Non – Formal.	
	INDIAN CONSTITUTION AND EDUCATION	
IV	Inculcation of Constitutional Values through Education	7
	Constitutional Provisions for Education	,
	PREPRIMARY EDUCATION	
	Concept, Objective, Importance of Pre-primary Education	
V	Some Models of Pre-primary Education:	
	Dalton, Montessori, Kindergarten	8
	Background and Present Scenario of Pre-primary Education in India.	
	NEP 2020 and Pre-primary Education.	
	PRIMARY AND SECONDARY EDUCATION	
VI	Concept, Aim and Importance of Secondary Education	7
	Present Scenario of Primary Education in India.	1
	HIGHER EDUCATION	
	 Concept, Objective of Higher Education. 	
VII	Need for Higher Education.	6
	Types of Universities- Central, State, Private, Open	0
	Present Scenario of Higher Education in India	
	DIFFERENT GUIDING/REGULATORY BODIES OF EDUCATION SYSTEM	
	INDIA	
	 Education Ministry (MHRD), UNESCO. 	
	NCERT.	
	SCERT.	
	• DIET.	
VIII	NIOS.	
,	NUEPA.	7
	NCTE,	
	• UGC.	
	NAAC.	
	IQAC.	
	AICTE.	
	International Boards, National Boards, CBSE, State Board.	

- तोमर एत आर.; प्राचीन भारतीय शिक्षा पद्भित, सुरुचि प्रकाशन नई दिल्ली
- https://www.mycoursebook.in/shiksha-ke-darshanik-avom-samajshastriya-siddhant-raman-bihari-lal-rastogi-publication.html
- https://www.india.gov.in/my-government/constitution-india/constitution-india-full-text
- टी. रेमटं, शिक्षा शिद्धांत, https://archive.org/details/in.ernet.dli.2015.482904
- प्रभात कुमार, भारत का संविधान, प्रभात पेपरबैक्स,
- पी.वी काणे, धर्म भारत्र का इतिहास, उत्तर प्रदेश दिल्ली संस्थान, लखनऊ
- सत्जा, सी.के. शिक्षा एक विवेचन दिल्ली; रवि बुक्स. (फुल बुक) 2004

- Aggarwal, J.C. Theory and Principles of Education, New Delhi, Vikas Publishing House. 2010
- Banerjee, A. Philosophy and principles of education. Calcutta, Susoban Prakashan. 1994
- Barrow, R., & Milburn, G. A critical dictionary of educational concepts: An appraisal of selected ideas and issues in educational theory and practice. New York: St. 1986
- Bhatia & Bhatia. Theory and principles of Education. New Delhi, Doaba House. 2011
- Cohen, B. Educational Thought: An Introduction. Britain: MacMillan. 1970

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- Dahiya B.S 'Higher Education in India' Retrospect and Prospect, Kanishka N, Delhi, 1997.
- Dewey, J. The school and society. USA: The University of Chicago Press. 1915
- Dhankar, R. Education in emerging Indian Society. New Delhi: APH Publishing Corporation. 2010
- Ghosh S.C. The History of Education in Modern India (1757-2007) Hyderabad: Orient Blackswan Private Limited, 2009, Third Edition.
- Lal, R.B. & Sharma, K.K. 'History Development and Problems of Indian Education', R.Lal Book Depot, Meerut, 2015.
- Moonis, Raza, 'Higher Education in India' Retrospect and Prospect, AIU, N, Delhi, 1991
- Pandey R.S. Principles of Education, Agra, Vinod Pustak Mandir. 1992
- Ramchandran, P. & Ramkumar, V. 'Education in India', NBT, N, Delhi, 2014.
- Saxena, N.R. S. Principles of Education. Meerut. R. Lal Book Depot. 1996

Vakil K.S and S. Natrajan, 'Education in India' Allied Publishers, Bombay, Rev Edn., 1966

Suggested Continuous Evaluation Methods: Assignment / test / Quiz(MCQ) / Seminar Course prerequisites: To study this course, a student must have had the subject in class/12th/ certificate/diploma.

Suggested equivalent online courses: Courses on Swayam / MOOCS

Marks Distribution: Report presentation- 15 marks Viva- 10

BA 1st , Sem. I , Course II (Practical)

		(Practical)	
	ram/Class: ficate/BA	Year: First	Semester: First
		Subject: Education	n
	e: E010102P	Course Title: Practical: Rea Constitution, understand and Justice, Equality, Liberty and Fr you have conceptualized	ad the Preamble of Indian
On completic • De	velop an strong	s e, learners will be able to: ger orientation towards research basic elements of Indian Constituti	
	Credits:	2	Core Compulsory
	Max. Mar		Min Passing Maules
To	tal No. of Lecti	ures-Tutorials-Practical (in hours p	er week): P-2/w
Unit		Topics	
I	• In	dian Constitution: Introduction and	No. of Lectures 1 Background.
П	Constit	uent Assembly and Timeline of For Constitution.	rmation of 5
Ш	Important	nt Articles of Indian Constitution	20
https://www	eadings:	/mv-government/constitution india	/constitution-india-full-text

BA 1st , Sem. II , Course I

19-7	Program/Class:	(Theory)		
	Certificate/BA	Year: First	Semester: Second	
		Subject: Education	on	
	rse Code: E010201T re Learning Outcomes	Development and c	Course Title: hallenges of Indian Education	System
On c	ompletion of this course, lea Understand the development Analyze the trends of Educi Narrate the major contribute Discuss the views of foreign Identify the problems of Inc Assess the root cause of che Credits: 4 Max. Marks: 25+7	arners will be able to: nt of Indian Education durin ation running in the differen ions of Indian Educational F n travelers about Indian cult lian education at different le allenges faced by Indian edu	g different ages, t educational systems. Ieritage in the different fields ural and educational heritage. vels of education. ication system. Core Compulsory	
	Total 110. Of Lectures-11	atorials-Practical (in hours p	er week): L- 4/w	
Unit	ANCIENT EDUCATION	Topics		No. of Lecture
I	Vedic and Budd Characteristics, System, Contrib Viewpoints of Ti	hist Period: Main Aims of Education, Merits a ution to Modern Indian Educ		8
п	Main Characteris Aims of Educatio Merits and Deme	on.	man System.	8
ш	EDUCATION IN COLONI Some Landmarks of British Charter act of 181 MacAulay Minute Wood Dispatch. Hunter Commissi Indian University Gokhale Bill. Sadler Commissio	Addern Indian Education. AL PERIOD Period: 13 to 1833 and Oriental Occe Filtration Theory. on. Commission.	idental Dispute.	7
v	Mudaliar Com Kothari Comm National Policy National Education	Ayog Commission. mission. v of Education 1986 and 199		7
/ P	ROBLEMS OF PREPRIMA	ARY EDUCATION	ols.	8

	Unavailability of Teaching Material.	
	 Loopholes of Supervision and Administration. 	
_	Problem of Uniformity.	
	PROBLEMS OF ELEMENTRY AND SECONDRY EDUCATION Problems of Access and Equity. Problems of Multilingualism, Child's Home Language and the Language of School, Classroom, Touther, Child's Home Language and the Language of School, Classroom, Touther, Child's Home Language and the Language of School, Classroom, Touther, Child's Home Language and the Language of School, Classroom, Touther, Child's Home Language and the Language of School, Classroom, Touther, Child's Home Language and the Language of School, Classroom, Touther, Child's Home Language and the Language of School, Classroom, Touther, Child's Home Language and the Language of School, Classroom, Touther, Child's Home Language and the Language and	
VI	School- Classroom, Textbooks etc. Mass vs Class- Gap in Standards, Financial Load on Parent, Syllabus. Problem of Non-Availability of Technical and Vocational Guidance at Secondary Level and NSQF.	8
	Problems due to Cyber World and Increasing Street	
	PROBLEMS OF HIGHER EDUCATION	11
-	 Problems of Access - Gender (Masculine, Feminine and Transgender) and Caste, Class, Religion, Region. 	
VII	 Problem of over-emphasis on Examination System in India, Information Explosion and its Validation. 	7
	Problem related with Students- Aimlessness, Intolerance, Aggression, Unemployment and Competition	
	AFFECTING FACTORS OF INDIAN EDUCATION	
	Urbanization.	
VIII	 Population Explosion. 	
	Poverty.	7
	Brain Drain ted Postling	

Suggested Readings:

- चौबे एस.पी, भारतीय शिक्षा का इतिहास
- जौहरी एवं पाठक, भारतीय शिक्षा का इतिहास, विनोद पुस्तक मंदिर आगरा
- अभिनदोत्री आर.; आयुनिक भारतीय शिक्षाः समस्याएं और समाधान, राजस्थान दिन्दी ग्रंथ अकादमी
- पांडेच आर.एस, भ्रिक्षा की समसामयिक समस्याएं, विनोद पुस्तक मंदिर, आगरा
- https://archive.org/details/in.ernet.dli.2015.441175/page/n31/mode/2u
- Altekar A. S. Education in Ancient India. Varanasi, Nandkishore & Brothers. 1963
- Bakshi S.R.& Mahajan, L. Encyclopedic History of Indian Culture and Religion: Education in ancient India, New Delhi, Deep & Deep Publications. 2000
- Govinda, R and M, Bandyopadhyay. Access to Elementary Education: Analytical Overview, New Delhi: OUP. 2011
- Human Development Report retrieved from http://hdr.undp.org/en/reports/
- Lal R.B. & Sharma K.K. 'History, Development and Problems of Indian Education', R.Lal Book Depo, Meerut, 2015.
- Mitra, V. Education in Ancient India. Delhi, Arya Book Depot. 1964
- Mookerji, R.k. Ancient Indian Education: Brahamanic and Buddhist. Delhi, Motilal Banarsidass.
- Ramchandran, P. & Ramkumar, V. 'Education in India', NBT, N, Delhi, 2014.
- Singh, Bhanu Pratap, Aims of Education in India: Vedic, Buddhist, Medieval, Bristish and Post-Independence, Delhi, Ajanta Publications. 1990

This course can be opted as an elective by the students of following subjects: Open for all

Suggested Continuous Evaluation Methods: Assignment / test / Quiz(

MCQ) / Seminar

Suggested equivalent online courses: Courses on Swayam /

BA 1st , Sem. II, Course II (Practical)

Program/Class: Certificate/BA	Year: First	Semester: Second
	Subject: Education	on
Course Code: E010202P	Course Title: Prepare a profi (Class 6 th - 12 th) Government	ile of any School ent / aided / Private.

- Course Learning Outcomes
 On completion of this course, learners will be able to:

 Develop an stronger orientation towards research

 Conceptualize the school profile preparation.

Min. Passing Marks: ck): P-2/w No. of Lectures
No. of Lectures
5
5
20

Distribution: Profile Report - 15 marks Viva- 10

BA 2nd Year Education- DIPLOMA COURSE IN PERSPECTIVES OF EDUCATION

Program specific outcomes-

This course provides the basics of philosophical ideologies that have influenced the

Education. It introduces learners to Indian and Western philosophical perspectives of Education. It also attempts to acquaint the students with philosophical and educational thoughts of thinkers.

This course aims to acquaint students with the knowledge of Socio-Political-Economic perspectives of Education. It would familiarize them with Social contexts, Social change and Social mobility. This paper introduces the students about concept of Educational psychology. It explores the process of development and learning in Human Beings. It elaborates the approaches of learning and basics of human behavior. It examines the causes of individual differences and individuals with special needs. Mental health will also be discussed

BA 2nd , Sem. III, Course I (Theory)

Program/Class: Diploma/BA	Year: Second	Semester: Third
	Subject: Education	
Course Code: E010301T	Sc	le: Philosophical- ociological-
Course Learning Outcomes	Political-Economic I	Perspectives of Education

Course Learning Outcomes

On completion of this course, learners will be able to:

- Define Education and Philosophy.
- Explain difference between Darshan and Philosophy.
- Identify significant features of the Indian and Western philosophies.
- Illustrate the relevance of the Indian and Western philosophical for modern educational system and society.
- Compare the Indian and Western Philosophical thoughts.
- Define pluralism and diversity in Indian society.
- Relate Education with Political and Economic issues.
- Distinguish between Fundamental Rights and duties.
- Value role of Education for Sustainable Development

	Credits: 4	Core Compulsory
-	Max. Marks: NA	Min Donaine Mark
1	otal No. of Lectures-Tutorials-Practical (in h	nours per week): L- 4/w
Unit	Topics	No. of Lectures
I	 EUDCATION AND PHILOSOPHY Meaning and Concept of Ph 'Darshan'; Difference between 'Darshan', its relationship with Branches of Philosophy and 	ilosophy and Philosophy and Education
Ш	A BRIEF INTRODUCTION TO ANCIENT PHILOSOPHIES Vedant. Bhagavad Geeta.	NT INDIAN 8
ш	A BRIEF INTRODUCTION TO WESTER Idealism. Naturalism. Pragmatism.	RN PHILOSOPHIES 7

IV	SOME PROMINENT EDUCATIONAL THINKERS Mahatma Gandhi. Swami Vivekanand. BR. Ambedkar. Rousseau. Dewey.	7
v	INTRODUCTION TO INDIAN SOCIETY Pluralism and Diversity in Indian Society. Social Stratification of Indian Society: Caste, Class, Gender.	8
VI	School as Social Organization. Social Change and Education. Social Mobility and Education.	8
VII	POLITICAL PERSPECTIVES OF EDUCATION • Fundamental Rights and Duties. • Directive Principles.	7
VШ	ECONOMIC PERSPECTIVES OF EDUCATION Education as Development Indicator. Education for Sustainable development UN Millennium development goals VS Sustainable development goals.	7

- कमर, के. शिक्षा और ज्ञान. दिल्ली, ग्रंथ शिल्पी. २००२
- सत्जा सी.के, शिक्षा दर्शन, हिंदी माध्यम कार्यान्वयन निदेशालय नई दिल्ली
- धकंर आर. भ्रिक्षा और समाज. हरियाणा, आधर प्रकाशन. २००६
- ओड एल के, शिक्षा की दार्शनिक पृष्टभूमि, राजस्थान दिनदी ग्रंथ अकादमी, 1994
- पांडेय के पी, शिक्षा के टार्शनिक एवं सामाजिक आयार, वाराणसी विश्वविद्यालय प्रकाशन
- Archer, M.S. Social Origins of Educational Systems, New Delhi: Sage. 1984
- Brubacher, John S. (ed) . Modern Philosophy of Education, New Jersey: Prentice Hall Inc., Englewood Cliffs.12 Hours. 1962
- Cohen, B. Educational Thought: An Introduction. Macmillan, Britain. 1969
- Dewey, J. The School and Society. Chicago, The University of Chicago Press. 1915
- Durkheim, E. Education and Sociology. New York: The Free Press. 1956
- Elmhirst, L.K. Rabindranath Tagore: Pioneer in Education. Delhi: Sahitya Chayan. 1994
- Freire, P. Pedagogy of the Oppressed. London, Penguin Books. N.p. 1970
- Kneller, G.F. Foundations of Education. London and New York, John Wiley and Sons, Inc. 1963
- Kumar, K. The Political Agenda of Education: A Study of Colonialist and nationalist Ideas. New Delhi, Sage Publications. 1991
- Shukla, S. and Kumar, K. Sociological Perspective in Education. New Delhi, Chanakya Publications. 1985
- Shukla, S. C. and Kaul, R. (eds.) Education, Development and Underdevelopment, New Delhi: Sage, 1998

This course can be opted as an elective by the students of following subjects: Open for all

Suggested Continuous Evaluation Methods: Assignment / test /

Quiz(MCQ) / Seminar

Suggested equivalent online courses: Courses on

Swayam / MOOCs

BA 2nd , Sem. III, Course II (Practical)

Program/Class: Diploma/BA Year: S		Year: Second	Semester: Third
		Subject: Education	Joseph Filling
Course Cod	ode: E010302P Course Title: Practical: Review a book written by prominent educational thinkers included in the course II.		
On completic	an stronger orie	learners will be able to: intation towards research tof Book review.	
	Credits: 2		Core Compulsory
	Max. Mark		Min Passing Market
Т	otal No. of Lect	ures-Tutorials-Practical (in hour	's per week): P-2
Unit		Topics	No. of Lectures
I	What is B	ook review?	2
П	 Introduction and the discussion of the books written by M.K Gandhi, Swami Vivekanand and B.R Ambedkar. 		ks written by
m	Introduction and the discussion of the books written by Rousseou and Dewey.		ks written by
ote: In Final istribution: R	Examination rep	ort shall be examined by externation- 15 marks Viva- 10	al and internal examiners. Marks

BA 2nd, Sem. IV, Course I (Theory)

	Program/Class: Diploma/BA	Year: Second	Semester: Fourth
		Subject: Education	
	se Code: E010401T		logical Perspectives of Education
On co	Relate Education and Psy	chology nd needs of different stages s of learning. rent psychological traits. ences. Mental Health.	of development.
	Credits: 4		Core Compulsory
	Max. Marks: N.		Min Passing Markey
	Total No. of Lectures-	Tutorials-Practical (in hours	per week): L-4/w
Unit	nit Topics		No. of Lectures
I	Psychology: Conc	cepts and Scopes.	8

	 Relations of Education and Psychology. 	T
	Importance of Educational Psychology	
	Methods of Studying Educational Psychology	
	PROCESS OF DEVELOPMENT	1
	 Development/Meaning and Forms. 	
п	Growth and Development.	
**	Stages of Development.	8
	Forms of Development-Physical, Mental, Emotional, Social, Motor	
	Development, Language Development	
	UNDERSTANDING THE LEARNING	-
ш	 Meaning, Nature and Factors Influencing the Education 	
***	Learning Styles: VARK.	
	Transfer of Learning and its classroom implications	7
	Learning Theories: Payloy's Classical Conditioning Theory	7
	Skinners Operant	
	Conditioning Theory, Thorndike Trial and Error Theory, Gestalt	
	I neory and their Educational Implications	100
	FOUNDATIONS OF BEHAVIOURS	
	Instincts.	
	 Sensation, Perception and Concept. 	
	Motivation.	
IV	Memory.	7
	Attention and Interest.	,
	 Thinking, Reasoning and Imagination. 	
	Habit.	
	Fatigue	
200	INDIVIDUAL DIFFERENCES	
V	 Meaning, Types and Causes of Individual Differences. 	
	Individual Differences and Education	8
	SPECIAL NEED LEARNERS	0
VI	Mentally Retarred.	
	Gifted Children.	8
	Divyang (Handicapped).	
	MENTAL HEALTH AND ADJUSTMENT	
	Concept and need of studying mental health	
/II	Affecting Factors of Mental Health	
	 Mental Health and Education. 	
	Adjustment: Meaning and Process	7
	TEACHING AND LEARNING PROCESS	-
	 Concept of Teaching. 	
Ш	Relation between Learning and Teaching Conditioning	
-	reaching.	7
	The Objectives of Education is Learning.	
	Role of Teacher in Teaching- Learning.	

- भटनागर एस, शिक्षा मनोविद्यान, सूर्य पिल्टिक्सन, १९९८
- जायसवाल एस.आर, भारतीय मनोविद्यान और भिक्षा, आर्य बुक्ट डीपो नई दिल्ली
- त्रिपाठी शालिग्राम, शिक्षण व्यव्हार, राधा पब्लिकेशन, नई दिल्ली
- मुप्ता एस.पी, शिक्षा मनोविज्ञान, शाखा प्रकाशन, मेरठ
- युग किम्बल, शिक्षा मनोविज्ञान की आधार शिला, विनोद पुस्तक मंदिर, आगरा

- Aggarwal. J.C.(n.d.). Essentials of Educational Psychology: Vikas Publishing house
- Bhatnagar Suresh (n.d.). Advanced Educational Psychology, Lal Book Depot, Meerut.
- Bigge, Morris. L (1971). Learning theories for teachers. New York: Harper &Row.
- Chauhan S.S. (1978). Advanced educational psychology. Vikas Publishing House.
- Dash M. (1994). Educational Psychology. New Delhi, Deep& Deep Publications.
- Dececco John, P. The Psychology of Learning and Instruction. New Delhi, Prentice Hall of India.
- Hilgand, E.R. &Bower, S.H., (1975). Theories of Learning. Englewood Cliffs New Jersey: Prentice
- Hurlock, E. B. (2004). Developmental Psychology: A Life span Approach. New Delhi, Tata McGraw-Hill Publishing Co. Ltd.
- Mathur, S.S. Educational Psychology. Agra, Vinod Pustak Mandir. 1986
- Mazur, J.E. (1994). Learning and behaviour. Englewood Cliffs. New Jersey; Prentice Hall.
- Rani, A. (2011). Psychology of learning Behavior. New Delhi, Centrum Press.

Suggested Continuous Evaluation Methods: Assignment / test /

Quiz(MCQ) / Seminar

Suggested equivalent online courses: Courses on

Swayam / MOOCs

BA 2nd , Sem. IV, Course II (Practical)

Program/Class: Diploma /BA	Year: Second	Semester: Fourth
	Subject: Education	
Course Code: E010402P	Course Title: Practical: Case study of a Special Child	

Course Learning Outcomes

On completion of this course, learners will be able to:

- Develop an stronger orientation towards research
- Identify the different special children.
- Prepare a case study.

	Credits: 2	Core Compulsory
	Max. Marks: -	Min Dossin - M. I
Total N	o. of Lectures-Tutorials-Practical (in hours per	week): P-2/w
Unit	Topics	
I	What is case study? And its steps.	No. of Lectures
II (Special children: Types and characteristics.	5

Note: In Final Examination report shall be examined by external and internal examiners. Marks Distribution: Case study record- 15 marks Viva- 10

- मंगल एस.के, शिक्षा मनोविज्ञान एवं सांख्यिकी, विनोद पुस्तक मंद्रिर, आगरा
- कपित एच.के, अनुसंधान विधियां, भार्गव प्रिंटर्स, आगरा
- Dash M. (1994). Educational Psychology. New Delhi, Deep& Deep Publications.
- Hurlock, E. B. (2004). Developmental Psychology: A Life span Approach. New Delhi, Tata McGraw-Hill Publishing Co. Ltd.

BA $3^{\rm rd}$ Year Education- BACHLOR OF ARTS DEGREE IN EDUCATION

Program specific outcomes-

This course compiles the assessment and evaluation techniques used in Education. It acquaints the student with measurement tools of different psychological traits that are essential for teaching and learning. This course enables the students to understand concepts and needs of statistics in education, it analyses the statistics of Continues and comprehensive evaluation techniques in classroom.

This course consists of the knowledge of Educational Administration and Management in student. It will develop an insight about the organizational and Administrative structure of Education. This course explains major landmarks in the journey of Indian Education. It discuss the evolving modern tendencies that are creating paradigm shift in our Education System.

BA 3rd , Sem. V, Course I (Theory)

Prog	ram/Class: Degree/BA	Year: Third	Semester: Fifth
-		Subject: Education	Semester. Fifth
	se Code: E010501T		ucational Assessment
On cor	essment measurement and e	ners will be able to: • Define valuation.	
•	Enumerate and Illustrate Che Classify different psycholog Test Intelligence/Personality	gical tests.	
	Credits: 4		Core Compulsory
	Max. Marks: NA		Min Passing Made
	Total No. of Lectures-Tu	utorials-Practical (in hours per	week): L- 4/w
Unit	BASICS OF ASSESMEN	Topics	No. of Lecture
I	Assessment, M Conc Physical vs Psy Continuous and Meaning, Aims	easurement, Evaluation: ept, Features and Difference. chological Measurements. Comprehensive Education:	8
п	Norms: Meanin Marks vs Grade Credit System	g and Significance	7
ш	ACHIEVEMENT TESTS Meaning, Aims and Types. Subjective VS Objective tests. Characteristics of a Good test.		8
IV	INTELLIGENCE • What is Intellige		7
v	MEASUREMENT OF INT • Verbal, Non-Ver	ELLIGENCE	8
	 verbal, Non-Ver 	bal test	8

	Individual Tests and Group test	
VI	PERSONALITY What is Personality? Types of Personality. Theories of Personality.	7
VII	ASSESSMENT OF PERSONALITY • Personality Inventories • Projective Techniques.	
VIII	What is Aptitude? Types of Aptitude. Characteristics of Aptitude. Measurement of Aptitude.	7

Suggested Readings:

- मुप्ता एस.पी, शैक्षिक मापन एवं मूल्यांकन, शास्त्रा पुस्तक भवन, आगरा
- नन्द. पचौरी एवं शर्मा, शिक्षा मनोविज्ञान एवं मापन, संजय पिन्तिकेशन्स, आगरा
- भटनागर एस, शिक्षा मनोविज्ञान, सूर्य पिन्तिकशन, 1998
- सिंह ए.के, शिक्षा मनोविज्ञान, भारती भवन, पटना
- Anastasi, A. Psychological Testing. New York, Macmillan Publishing Co. Inc. 1976
- NCERT Curriculum and Evaluation, New Delhi, NCERT 1990
- Norris, N. Understanding Educational Evaluation, Kogan Page Ltd. 1990
- Thorndike, E.L., & E.P., Hagen. Measurement and Evaluation in Psychology and Education. New York, Johan Wiley and Sons Inc. 1969
- Secolsky, C. Handbook on Measurement and Evaluation in Higher Education. U.K. Routledge. 2011
- Sindhu, K.S. New approaches to measurement and evaluation, New Delhi, Sterling Publication. 2007
- Singh, H.S. Modern educational testing. New Delhi: Sterling Publication. 1974

Suggested Continuous Evaluation Methods: Assignment / test /

Quiz(MCQ) / Seminar

Suggested equivalent online courses

Courses on Swayam / MOOC

BA 3rd , Sem. V, Course II (Theory)

Progr	ram/Class: Degree /BA	Year: Third	Semester: Fifth
		Subject: Education	n
	Code: E010502T		le: Educational Statistics
On comp	 Survey and collect d 	ms. arts. various operations of stat	hods.
	Max. Marks: NA		Core Compulsory
		torials-Practical (in hour	Min. Passing Marks:
	- com rior of Decidies 10		
Unit	_+	Topics	No. of Lectur
I	 NTRODUCTION TO ST History of Statistic Definition and Nec Types of Statistics Symbols in Statistics 	es ed of Statistics.	7
II P	RESENTATION AND OF ATA Organization of Simple array Frequency are Frequency of Class Interval: Inclusive Exclusive	data:	
G	RAPHICAL REPRESEN	TATION OF DATA	7
ш	Bar diagram Histogram Pie chart	OF DATA	2
IV M	SEASURES OF CENTR	AL TENDENCY	8
v	EASURES OF RELATI Concept of Relative Percentile Rank Percentile	Computation of: Mean, I VE POSITION Position	Median, Mode 5
VI	■ Definition, Uses, Deviation, Standard	Computation: dard Deviation.	Range, Mean
VII UI	NIT IV: CORRELATIO	N	12

	Meaning, Types, Uses and Computation of: Coefficient of Correlation- Spearman's Rank Difference Method and Karl Pearson's Product moment Method.	
VIII	NORMAL PROBABILTY CURVE • Concept and Characteristics.	5

Suggested Readings:

- अस्थाना विपिन, श्रीक्षक अनुसंधान एवं सांख्यिकी, अभ्रवाल पश्लिकशन्स, 2011.
- कपित एच.के, अनुसंधान विधियां, भार्गव प्रिंटर्स, आगरा
- पांडेय के.पी, श्रीक्षेक अनुसंघान, वाराणसी विश्वविद्यालय प्रकाशन
- Agresti & Finlay, Statistical Methods for the Social Sciences. New Jersey, Prentice Hall.
- Garret H.E., Psychological Tests, Methods, and Results Nabu Press, 2011.
- Garret H.E., Statistics in Psychology and Education, Paragon International Publishers, 2005 (Hindi & English)
- Ott and Longnecker. Statistical methods and data analysis. CA: Duxbury Pacific Grove, 2001
- Patel, R.S. Statistical techniques for data analysis. (n.p.) Academic Publishing GmbH & Co.
- Shavelson, R.J. Statistical reasoning for the behavioral sciences. Boston, Allyn and Bacon.

Suggested Continuous Evaluation Methods: Assignment / test / Quiz(MCQ) / Seminar

Suggested equivalent online courses: Courses on

Swayam / MOOCs

BA 3rd, Sem. V, Course III (Practical)

Program	/Class: Degree /BA	Year: Third	Semester: Fifth
		Subject: Education	
Course Cod	Course Code: E010503P Course Code: E010503P Course Title: Practical: Administration and Int of a psychological test- Achievement/Intelligence/Personalit		hological test-
On completionDevelop	ning Outcomes on of this course, lear an stronger orientation derstand and Administration	ners will be able to: on towards research ster different Psychological	
			Core Compulsory
	Max. Marks: -		Min. Passing Marks:
То	tal No. of Lectures-T	utorials-Practical (in hours p	er week): P-2/w
Unit	Topics		No. of Lectures
I	Psychological Test: Types and Utility for Guidance and Counselling		duidance and
ш	How to administer and Interpret score of Achievement/Intelligence/Personality/Aptitude/ Text		

Note: In Final Examination report shall be examined by external and internal examiners. Marks Distribution: Test administration Report- 15 marks Viva- 10

- मुप्ता एस.पी, श्रीक्षिक मापन एवं मूल्यांकन, शारदा पुस्तक भवन, आगरा
- नन्द, पचौरी एवं भर्मा, शिक्षा मनोविज्ञान एवं मापन, संजय पहिलक्ष्मन्स, आगरा
- भटनागर एस, शिक्षा मनोविज्ञान, सूर्य पिन्तिकेशन, 1998
- सिंह ए.के, शिक्षा मनोविज्ञान, भारती भवन, पटना
- Anastasi, A. Psychological Testing. New York, Macmillan Publishing Co. Inc. 1976
- NCERT Curriculum and Evaluation, New Delhi, NCERT 1990

BA 3rd, Sem. V, Project

Program/Class: Degree /BA	Year: Third	Semester: Fifth
	Subject: Education	
Course Code: E010503P	Course Title:	Research Project

Course Learning Outcomes

On completion of this course, learners will be able to:

- Develop an stronger orientation towards research
- · Understand basics of research
- Develop attitude towards research
- · Collect and analyse data

Credits: 3	Core Compulsory	
Max. Marks: - 100	Min. Passing Marks: 40%	

Total No. of Lectures-Tutorials-Practical (in hours per week): P-3/w

Unit	Topics	No. of Lecture
	Collection of Data related to Education, application of suitable statistical methods, analysis and interpretation of result.	
I	OR Visit to any type of University: A.It's profile preparation.	
	B.Report on its administrative structure.	
		15

Note: In Final Examination report shall be examined by external and internal examiners.

Assessment: 50% external+50% internal

- गुप्ता एस.पी, श्रीक्षक मापन एवं मूल्यांकन, शास्ता पुस्तक भवन, आगरा
- नन्द. पचौरी एवं भर्मा, भिक्षा मनोविज्ञान एवं मापन, संजय पब्लिकेश्नन्स, आगरा
- पाण्डेय के.पी, शैक्षिक अनुसंघान, विश्वविद्यालय प्रशासन, वाराणसी
- Anastasi, A. Psychological Testing. New York, Macmillan Publishing Co. Inc. 1976
- NCERT Curriculum and Evaluation, New Delhi, NCERT 1990

BA3rd , Sem. VI, Course I (Theory)

	ogram/Class: Degree /BA	Year: Third	Semester: Sixth
Course	Code: E010601T	Subject: Education	Administration and Managemen
On com Do Co	Learning Outcomes upletion of this course, learneescribe different Educationa compare Administration, Mar	ers will be able to: Organizations. Aggement and Supervision	
• D	ifferentiate between inspecti	on and supervision.	
	Credits: 4		Core Compulsory
	Max. Marks: NA		Min. Passing Marks:
12000	Total No. of Lectures-Tuto	rials-Practical (in hours p	
Unit		Topics	No. o
I	EDUCATIONAL ORGANIZATIONS Meaning and Types. Characteristics of Educational Organizations.		
п	EDUCATIONAL ADMINISTRATION Meaning, Concept and Types of Educational Administration. Administration vs Management. Principles of Educational Administration. Administrative Skills.		
ш	DEVELOPMENT OF EDUCATIONAL ADMINISTRATION AND MANAGEMENT Classical School New Classical School New Management		
IV	FUNCTIONS OF EDUCATIONAL ADMINISTRATION • POSDCORB		
v	LEADERSHIP • Meaning, Nature of Leadership. • Styles of Leadership. • Centralization vs Decentralization • Decision Making.		
VI	EDUCATIONAL PLANNING Meaning and Nature of Educational Planning. Approaches of Educational Planning.		
VII	EDUCATIONAL FINANCE • Need and Significance. • Sources of Finance.		
VIII	EDUCATIONAL SUPERS	ture of Educational Super pervision.	rvision. 8

- ओड एत.के, शैक्षिक प्रशासन, राजस्थान हिंदी ग्रंथ अकादमी, जयपुर
- वर्मा, एत.एन. भारतीय शिक्षा न्यवस्था एवं प्रशासन तंत्र, राजस्थान दिंदी ग्रंथ अकादमी, जयपुर.
- Bhatnagar S.S. & Gupta P.K. (Educational Administration and Management
- Khawas, E. Accountability and Quality Assurance: New Issues for Academic Inquiry, International Handbook of Higher Education, vol. (1) Springer Verlag, Berlin 2006
- Kudesia, U. Chandra(n.d.) Education Administration Management (n.p.).
- Sharma, R.A. (n.d.). Education Administration and Management. Meerut, Loyal Book Depot.
- Sukhiya ,S.P. (n.d.) Vidyalaya Prashashan Avam Sangathan. Agra, Agarwal publication.
- http://mlrd.gov.in/school-education
- http://mlid.gov.in/schemes-1

Suggested Continuous Evaluation Methods: Assignment / test /

Quiz(MCQ) / Seminar

Suggested equivalent online courses: Courses on

Swayam / MOOCs

BA 3rd , Sem. VI, Course II (Theory)

Pro	gram/Class: Degree /BA	Year: Third	Semester: Six	th
		Subject: Education		
	Code: E010602T	Course Title: Milestones a Education	and New Dimensions of Inc	fian
Course	Learning Outcomes			
On con	npletion of this course, lea	rners will be able to:		
• L	ist and differentiate the diffe	rent education programs and s	chemes.	
• U	se MOOCs and SWAYAM.			
	ollect and use material from			
• R	eview e-journals and e-Maga	azines.		
	Credits: 4		Core Compulsory	
	Max. Marks: NA		Min Donning Market	
NT-24	Total No. of Lectures-Tr	utorials-Practical (in hours p	per week): L-4/w	
Unit		Topics		No. 0
	MILESTONES: MAIN	PROGRAMS AND SCHE	MES	Lectur
1	• ICDS			-
1	• SSA.			
1	 Mid-day Meal. RMSA. 			
	• RUSA.			
	 NMEICT. 			
- 1	• RTE.			
	PMMMNMTT. MILESTONES EDUCATE			9
	Shanti Niketan.	FIONAL INSTITUTIONS	OF INDIA:	
	Vanasthali Vidyap	anth		
II	Chitrakoot Gramov	eetn. daya Vishwavidyalaya.		
	Pondicherry Ashra	m visnwavidyaiaya.		
	Navodaya Vidyala	va.		
	, , , , , , , , , , , , , , , , , , , ,			5

ш	EDUCATIONAL TECHNOLOGY ICT: Meaning, Type, Concept and Needs. ICT and Education.	
	Approaches of Educational Technology. Computer and Internet: Application in Education	8
IV	EDUSAT, EDUCOM. • MOOCS, SWAYAM. OERs. e-journals and e-Magazines. NAD, NIRF, e-Pathshala	
v	SOCIETAL TRENDS AND EDUCATION Inclusion Human Rights. Value and Moral. Women Empowerment	8
VI	CULTURAL TRENDS AND EDUCATION Social Media. Demographic changes. • Globalization Peace.	8
VII	ENVIRONMENT: CONCEPT AND CONCERNS Environment and Ecosystems. Environmental Pollution. Ozone layer depletion. Greenhouse effect. Global Warming.	7
VIII	ENVIRONMENT AND EDUCATION Environmental Education: Concept, Aims and importance. Awareness towards Environmental Issues. Conservation of Natural Resources and Utilization of Non-Conventional Resources.	8

- Suggested Readings: यादव एस.आर दूरवर्ती शिक्षा, विनोद पुस्तक मंदिर, २००१
 - भर्मा जी.आर भि्रमण तकनीकी , स्त्ररूप एंड सन्स, न्यू दिल्ली, 1992
 - भादू आर.आर, साक्षरता शिक्षा, एवं नवाचार, हंसा प्रकाशन, जयपुर
 - सवसेना आर.आर, नवाचारी शिक्षण प्रदितयां, राजस्थान ढिन्दी ग्रंथ अकादमी
 - Agarwal, S.P. and Aggarwal, J.C. Environmental protection, education and development. New Delhi, New Concepts. 1996
 - Aggarwal J.C. Essentials of Educational Technology Learning Innovations. New Delhi, Vikas Publications. 1995
 - Kumar, K.L. Educational Technology, New Delhi, New Age International (P) Ltd. Publishers. 2000
 - Kaushal, S. & Mahapatra. Emerging Trends in Inclusive Education. Delhi, IVY Pub. 2007 Laxmi S. Innovations in Education, Delhi Sterling Publishers. 1989

- Reddy, P. K. & Reddy, N. D. Environmental Education. Hyderabad: Neelkamal publications. 2001 Sampath, K. et. Al. Introduction to Educational Technology, New Delhi, Sterling Publishers. 1998 Sharma, B. L., & Maheswari, B. K. Education for environmental and human value. Meerut, R.Lali
- Singh, Y. K. Teaching of environmental science, New Delhi, APH Publishing 2009
- Corporation. Underwood, Jean D.M., and Underwood, G. Computers and learning helping children acquire thinking skills, Oxford, Basil Blackwell. 1990

Suggested Continuous Evaluation Methods: Assignment / test / Quiz(MCQ) / Seminar

Suggested equivalent online courses: Courses on

Swayam / MOOCs

BA 3rd , Sem. VI, Course III (Practical)

	class: Degree/BA	Year: Third	Sem	ester: Sixth	
		Subject: Education			
Course Coo	de: E010603P	II. Write and submit an	Practical- I Visit to an Anganwadi Centre and repreparation. te and submit an article on any trending SocioCult Environmental Issue.		
Devel Under	op an stronger orier stand and Conceptu stand current issues	earners will be able to: ntation towards research. nalize ICDS and Anganwadi. s and write an article.			
Credits: 2 Core Compu		ılsory			
Max. Marks: - Min. Passing		Marks:			
To	otal No. of Lectures	-Tutorials-Practical (in hours	per week): P-2/w		
Unit		Topics		No. of Lecture	
1	ICDS (Integrated Child Development Services): Introduction		5		
П	 Anganwadi: Introduction, Structure, Supervision, Utility, Challenges. 		10		
	How to write an article: steps and ethics.				
Ш	How to write	an article: steps and ethics.		5	

BA 3rd , Sem. VI, Project

/Class: Degree/BA	Year: Third	Semester: Sixth		
	Subject: Educatio	n		
Course Code: E010601R			t	
elop an stronger orientat erstand Basic methods o	ion towards research	research tools		
Credits: 3		Core Compu	lsory	
Max. Marks: - 100 Min. Passing Mar			arks: 40%	
Total No. of Lectures-Tu	itorials-Practical (in hou	rs per week): P-3/w		
	Topics		No. of Lectures	
Visit any Distance Education center. Interview its administrator and five students. Compare the Distance Education and Regular Education and prepare report.		45		
OR		1 2 2 1		
Terrorist Attack/ Orph	experienced natural cal- nan/ Urban or rural poor	amity or war or		
	rning Outcomes etion of this course, learn elop an stronger orientat erstand Basic methods o Credits: 3 Max. Marks: - 100 Total No. of Lectures-Tr Visit any Distance Ed and five students. Coi Education and prepara OR For Understanding So child/ a child who has Terrorist Attack/ Orph	Year: Third Subject: Educatio Course T Ode: E010601R Tourse T Course T	Year: Third Subject: Education Course Title: Research Project Code: E010601R Code: E010601R Core Computed Max. Marks: - 100 Min. Passing Ma Code: Computed Max. Marks: - 100 Topics Visit any Distance Education center. Interview its administrator and five students. Compare the Distance Education and Regular Education and prepare report.	

Note: In Final Examination report shall be examined by external and internal examiners. Assessment: 50% external+50% internal

- भटनागर, शैक्षिक अनुसंघान की कार्य प्रणाती, आर. ताल बुक डिपो, भेरठ
- गुप्ता एस.पी, श्रोच संदर्शिषका, शारदा पुस्तक भवन, आगरा
- नन्द्र. पचौरी एवं शर्मा, शिक्षा मनोविद्यान एवं मापन, संजय पब्लिकेशन्स, आगरा
- पाण्डेय के.पी, शैक्षिक अनुसंघान, विश्वविद्यालय प्रशासन, वाराणसी
- Anastasi, A. Psychological Testing. New York, Macmillan Publishing Co. Inc. 1976
 Anastasi, A. Psychological Testing. New York, Macmillan Publishing Co. Inc. 1976
- NCERT Curriculum and Evaluation, New Delhi, NCERT 1990